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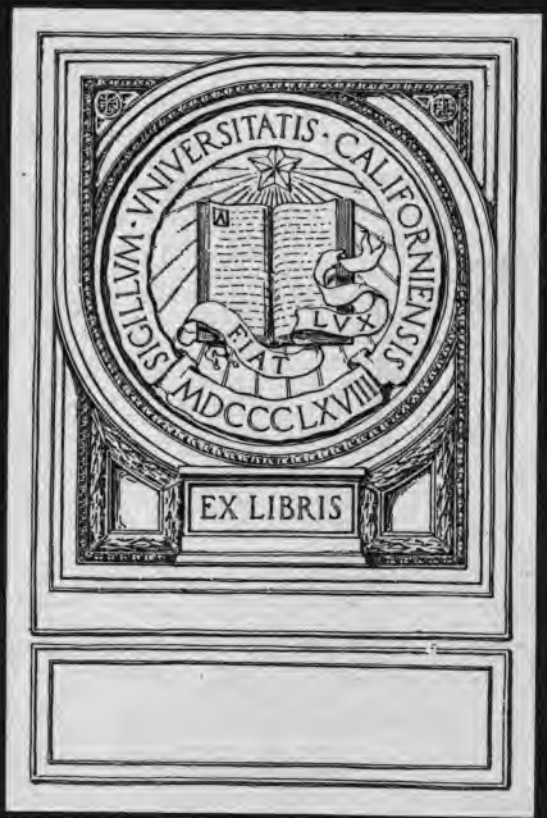

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STUDY OUTLINE SERIES

PRESENT DAY INDUSTRIES IN THE UNITED STATES

Many clubs are convinced of the advantage of studying one subject thruout the season, and for this work a carefully prepared program is needed. Local or state committees and state library commissions have spent time in preparing outlines which would be suitable for use elsewhere if they could be made available by printing. It is proposed in this series to centralize such work and to conserve the effort spent in making a good outline by putting it in shape for distribution. Clubs themselves by an actual testing of the outlines thus offered will be able to offer suggestions and criticism which will lead to a revision of form.

The Study Outline and Its Use

The series will include outlines on art, literature, travel, biography, history and present day questions.

The outlines vary in length. If more topics are given than the number of club meetings for the season, those topics that are more difficult to handle or on which there is less available material, may be dropped. If there are fewer topics than the scheduled meetings, certain topics may be divided.

Lists of books are appended to some of the outlines. It would be well for the club to own some of the recommended books. Others can be obtained either from the local public library or from the state traveling library. When very full lists are given it is not necessary for any club to use all the books, but the longer list leaves more room for choice.

The best material on some subjects may be found, not in books, but in magazines. These may be looked up under the subject in the *Readers' Guide to Periodical Literature.* Magazine articles and illustrated material may be obtained from the *Wilson Package Library.* For terms see fourth page of cover.

A list of the study outlines now in print will be found on page three of this cover. For later additions to the list write to publisher.

PRESENT DAY INDUSTRIES

in the

UNITED STATES

A STUDY OUTLINE

PREPARED BY
STUDY CLUB DEPARTMENT
Wisconsin Library Commission

THE H. W. WILSON COMPANY
WHITE PLAINS, N. Y., AND NEW YORK CITY
1916

UNIV. OF CALIFORNIA

STUDY OUTLINE

ON

PRESENT DAY INDUSTRIES IN THE UNITED STATES

I

GENERAL SURVEY OF NATURAL CONDITIONS AFFECTING INDUSTRIES

1. Topography
2. Climate
3. Supply and demand
4. Transportation

II

AGRICULTURE

Development and significance

1. The old fashioned farm
2. Application and effects of scientific methods
3. Irrigation

Types of products. Study the regions of production, its factors and methods, improvements in cultivation, the uses and importance of the products.

1. Cereals—corn, wheat, oats, barley, rye, etc.
2. Hay and forage

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III

AGRICULTURE—*Continued*

3. Vegetables and nuts
4. Fruit and flowers
5. Dairy products
6. Animals and poultry

IV

AGRICULTURE—*Continued*

7. Sugar—beet and cane—and molasses
8. Tobacco
9. Fisheries

V

FORESTRY

Seven principal forest districts
A typical lumber camp
The destruction of forests

1. Fire
2. Cutting
3. Insects

The conservation movement and government protection

VI

PAPER

Materials: rags, grass or wood
Process of manufacture
Adaptation and uses
Relation to forestry

VII

THE TEXTILE INDUSTRIES

Historical survey, showing recent progress
Position of the United States among nations
Discuss the sources, determining factors of production, the materials, methods and products of manufacture of the following:

1. Cotton

VIII

THE TEXTILE INDUSTRIES—*Continued*

2. Wool
3. Silk
4. Flax
5. Hemp and jute

IX

THE CLOTHING INDUSTRY

Development and economic importance
Evils of the "sweat-shop" system
Methods and products of manufacture

X

THE FOOD INDUSTRY

Flour mills
Canning and preserving
Alcoholic liquors

XI

LEATHER

History and description
Trade in skins and hides
Process of tanning
Manufacturing products
Shoemaking, old and new
Future supply and possible substitutes
Commercial value

XII

RUBBER

Origin and sources
Cultivation
Manufacture
Utilization
Chemical substitutes
Commercial value

XIII

THE CHEMICAL INDUSTRY

Laboratory processes performed in factories
Economic advantages
Principal materials
Principal products: fertilizers, soap, drugs, explosives, etc.

XIV

IRON AND STEEL INDUSTRY

Early history
Occurrence of iron ore
Preliminary treatment

Processes of manufacture
Cast iron
Wrought iron
Steel
Bessemer method

XV

MACHINERY INDUSTRIES

Agricultural implements
Carriages and automobiles
The Ford factory in Detroit
Machine tools, engines, railway cars and locomotives

SHIPBUILDING

Location of yards
Materials and methods
Influence of navigation laws

XVI

THE METALLIC INDUSTRY

Distribution of factories
Types of manufactures: clocks, firearms, ammunition, silverware, jewelry, etc.

THE MINERAL INDUSTRY

Clay products: bricks, pottery and porcelain.
Study the source of material, processes, uses, problem of transportation and economic value

STUDY OUTLINE ON

XVII

THE MINERAL INDUSTRY—*Continued*

Glass
Stone and marble quarries
Copper, tin and aluminum
Gold, silver and diamonds
Study their occurrence, production, utilization and supply

XVIII

EXPANSION OF INDUSTRIES

Reclamation of land
Conservation of natural resources
Development of transportation facilities
Government commissions
Industrial schools

List of Study Outlines

Contemporary Drama. Prepared by Prof. Arthur Beatty for the Wisconsin Library Commission. Ibsen, Maeterlinck, Hauptmann, Sudermann, Echegaray, Rostand, Tchekoff, Brieux, Robertson, Jones, Pinero, Phillips, Shaw, Galsworthy, Yeats, Gregory, Synge, Fitch. List of plays, most important ones starred. Interpretative notes and suggestive ideas for discussion and study. 12p 25c.

Contemporary English Literature. Prepared by Prof. Arthur Beatty for the Wisconsin Library Commission. Swinburne, Meredith, Hardy, Kipling, Bridges, Gissing, Conrad, De Morgan, Wells, Bennett, Galsworthy, Yeats, A. C. Benson, Chesterton, Noyes, W. W. Gibson, Masefield. List of most important works. Critical references. Certain books studied with interpretative notes. 21p 25c.

Dietetics. Programs for 10 club meetings. The study is based on four selected books and the Farmers' Bulletins. 10p. Under one cover with "Home Economics."

England and Scotland: History and Travel. Prepared by C. E. Fanning. Intended for travel study club which has a historical foundation for its work. Bibliography. List of additional topics. 10p 25c.

Home Economics. Prepared by the Home Economics Division, Agricultural Extension Department, Purdue University. Programs for 10 club meetings. The study is based on three selected books and the Farmers' Bulletins. 11p. Under one cover with "Dietetics." 25c.

Italian Art: A General Survey. Prepared for the Minnesota Library Commission. Chronological order of subjects 6p 15c.

Mexico. Prepared by Study Club Department, Wisconsin Library Commission. 2p. To be used in the same year with South America Past and Present or Panama. Under one cover with Panama. 15c.

Municipal Civics. Prepared by Anna L. Guthrie. A topical outline with references by page to books and periodicals. Bibliography. 32p 25c.

Panama. Prepared by L. E. Stearns for the Wisconsin Library Commission. 4p. Under cover with Mexico.

Present Day Industries in the United States. Prepared by the Study Club Department, Wisconsin Library Commission. Topical outline without references. 6p 15c.

Slav Peoples. Prepared by Gregory Yarros. The history, present distribution and culture of the Slavs. A topical outline with references under each topic. Bibliography. 24p. 25c.

South America. Prepared by Corinne Bacon. Topical outline with chapter and page references as a help in the preparation of papers. Full bibliography. 32p 25c.

United States since the Civil War. Prepared by C. E. Fanning. Intended for clubs studying advanced American history and modern problems. Bibliography. 10p 25c.

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